




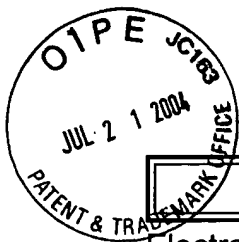
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Electronic Filing System (EFS) Data  
Electronic Patent Application Submission  
USPTO Use Only

EFS ID: 64950  
Application ID: 10680584   
Title of Invention: METHOD AND APPARATUS FOR  
EFFICIENT VERTICAL FLUID  
DELIVERY FOR COOLING A HEAT  
PRODUCING DEVICE  
First Named Inventor: Thomas Kenny  
Domestic/Foreign Application: Domestic Application  
Filing Date: 2003-10-06  
Effective Receipt Date: 2004-07-21  
Submission Type: Information Disclosure  
Statement  
Filing Type:  
Confirmation number: 5276  
Attorney Docket Number: NONE

Total Fees Authorized:


Digital Certificate Holder: cn=Thomas B. Haverstock,ou=Registered Attorneys,ou=Patent and  
Trademark Office,ou=Department of Commerce,o=U.S. Government,c=US  
Certificate Message Digest: 6aca6a8ff86e7bb44da08e7c2c19eea4533255f2

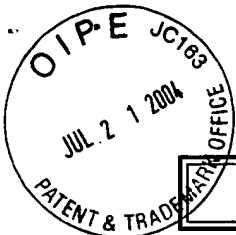


## TRANSMITTAL

Electronic Version v1.1

Stylesheet Version v1.1.0

Title of Invention	METHOD AND APPARATUS FOR EFFICIENT VERTICAL FLUID DELIVERY FOR COOLING A HEAT PRODUCING DEVICE									
Application Number: 10/680584 										
Date: 2003-10-06										
First Named Applicant: Thomas W. Kenny										
Confirmation Number: 5276										
Attorney Docket Number:										
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<table border="1"><thead><tr><th>Submitted by:</th><th>Elec. Sign.</th><th>Sign. Capacity</th></tr></thead><tbody><tr><td>Thomas B. Haverstock Registered Number: 32571</td><td>/tbh/</td><td>Attorney</td></tr></tbody></table>			Submitted by:	Elec. Sign.	Sign. Capacity	Thomas B. Haverstock Registered Number: 32571	/tbh/	Attorney		
Submitted by:	Elec. Sign.	Sign. Capacity								
Thomas B. Haverstock Registered Number: 32571	/tbh/	Attorney								
<table><tr><td>Documents being submitted</td><td>Files</td></tr><tr><td>us-ids</td><td>COOL01301-usidst.xml</td></tr><tr><td></td><td>us-ids.dtd</td></tr><tr><td></td><td>us-ids.xsl</td></tr></table>			Documents being submitted	Files	us-ids	COOL01301-usidst.xml		us-ids.dtd		us-ids.xsl
Documents being submitted	Files									
us-ids	COOL01301-usidst.xml									
	us-ids.dtd									
	us-ids.xsl									
Comments										



## ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of  
Invention

METHOD AND APPARATUS FOR EFFICIENT VERTICAL  
FLUID DELIVERY FOR COOLING A HEAT PRODUCING  
DEVICE

Application Number: 10/680584



Confirmation Number: 5276

First Named Applicant: Thomas Kenny

Attorney Docket Number:

Search string: ( 5161089 or 5228502 or 5265670 or 5978220  
or 5993750 ).pn.

Certification: This Information Disclosure Statement was submitted under the following conditions, which satisfies the requirement under 37 CFR 1.97(e). The filer certified:

That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement.

### US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
	1	5161089	1992-11-03	Chu et al.			
	2	5228502	1993-07-20	Chu et al.			
	3	5265670	1993-11-30	Zingher			
	4	5978220	1999-11-02	Frey et al.			
	5	5993750	1999-11-30	Ghosh et al.			

Signature

Examiner Name

Date